21035 S/598/61/000/006/020/034 D245/D303

\*· 18.3100

Ivanov, A.I., Timofeyev, V.V., Vinokurov, V.B., and

AUTHORS: Lebedev, O.A.

Electrolysis of titanium tetrachloride in fused

TITLE: chlorides

Akademiya nauk SSSR. Institut metallurgii Titan i yego splavy. no. 6, 1961. Metallotermiya i elektro-SOURCE:

khimiyantitana, 145 - 152

TEXT: The design is described of a pilot-scale cell for electrolysis of TiCl4 in fused chlorides. Operation was continuous with a molten alloy cathode and a graphite anode. The Ti formed on the cathode surface and was periodically removed by ladles moving bet-ween cathode and anode. The bath consisted of a welded, water-cooled housing lined with chamotte brick to a wall thickness of 130 -150 mm. Reference is also made to other cells designed by the author and collaborators, namely an elegtrolytic cell with extractable cathode and stationary compartment (Ref. 10: Avtorskaya zayavka

Card 1/2

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5/598/61/000/006/021/034 D245/D303

AUTHORS:

Ivanov, A.I., and Frantas yev, N.A.

TITLE:

Electrolysis of titanium tetrachloride in fused

chlorides

SOURCE:

Akademiya nauk SSSR. Institut metallurgii. Titan i yego splavy. no. 6, 1961. Metallotermiya i elektro-

khimiya titana, 153 - 160

TEXT: The authors report detailed studies of the effects of impurities on the production of Ti by electrolysis of TiCl4 and of the rities on the production of Ti by electrolysis of TiCl4 and of the methods to reduce impurities. The chief sources of contamination are: 1) Steel components of cells, lining etc. (Fe); 2) Graphite electrodes (C); 3) Cell lining and melting furnace linings (Si, Al, electrodes (C); 3) Cell lining and melting furnace linings of salts Mg); 4) Air and mossture (O, N, H); 5) Inadequate washing of salts used (Cl); Tests were carried out in two stages. Firstly, the dused (Cl); Tests were carried out in two stages. Firstly, the dused (Cl); and the mass of the electrolytic Ti obtained the most ted by chemical analysis of the electrolytic Ti obtained the most ted by chemical analysis of the electrolytic Ti obtained the most suitable materials were then tested in an apparatus under conditions

Card 1/2

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Electrowsis of titanium ...

of lengthy exectrolysis. Substitution of Cu for steel rods reduced Fe content of the Ti from 2.0 to 0.5 - 0.7 % but Ou content increased to 5 - 7 %. A large number of materials were tested for corrosion resistance in the cell, but none had a sufficiently high resistance. It was found that melts can be purified from Fe by feeding in a fine Ti sponge whilst agitating the melt with argon gas. In this electrolysis, water-cooled enamelled cathodes were used and the bath lined with magnesite brick. Side wail temperatures were 160 - 200°C. The Ti obtained contained 0.15 - 083 % Fe. It was found that the use of bricks for lining the bath did not give rise to Mg, Si or Al contents in Ti in excess of the minimum amounts laid down by technical specifications. Carbon contamination can be radically reduced by eliminating the use of alternating current grace phite electrodes for heating the melt and maintaining the requisite temperature by direct current only. There are 2 figures, 1 table and ll references: 10 Sovietbloc and 1 non-Soviet-bloc.

Card 2/2

s/598/61/000/006/027/034 D245/D303

18.3100

Ivanov, A.I., Gopiyenko, V.G., and Pichukov, A.P.

AUTHORS: TITLE:

Electrolytic cell designs with poured anode for

refining titanium

SOURCE:

Akademiya nauk SSSR. Institut metallurgii. Titan i yego splavy. no. 6, 1961. Metallotermiya i elektro-khimiya titana, 203 - 210

The authors studied four types of electrolytic cell for refining Ti sponge and alloy wastes, in which the anode can be formed by pouring or by compaction namely (1) cylindrical (2) lamellar (3) disc-cathode, (4) drum type. The cells were lined with the usual refractory materials and were provided with internal heating. 1) With a cylindrical type cell, the vessel was made of stainless steel and its dimensions were: 125 mm diameter and 400 mm height. A cylindrical compartment was welded to the upper part of the ves-sel and contained a cylindrical vessel rotating on an axis and having a vertical wall height of 150 mm. The container was sectional Card 1/3

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Electrolytic cell designs with ...

to ensure separation of cathode residues. The cathode was stainless steel rod of 14 mm diameter, the anode had an internal diameter of 80 mm. The design had the following advantages: Satisfactory hermetic sealing was possible; cathode residues were easily removed; no difficulties were experienced with the anode unit in operation despite a metal screen of insufficient strength; satisfactory discharge of the electrolyte with slurries; high degree of utilization of the volume of the vessel and high volumetric density (up to 75 ampa/1.). 2) This design was characterized by a rectangular ection of the bath, laminar cathode and flat anodes. Internal bath dimensions were: Length, 320 mm, height 500 mm, width 180 mm.
The anode can be poured or compacted. The chief advantage of this design, as compared with (1) is the ease and simplicity with which it can be developed into a continuous, multi-ple-cell apparatus.

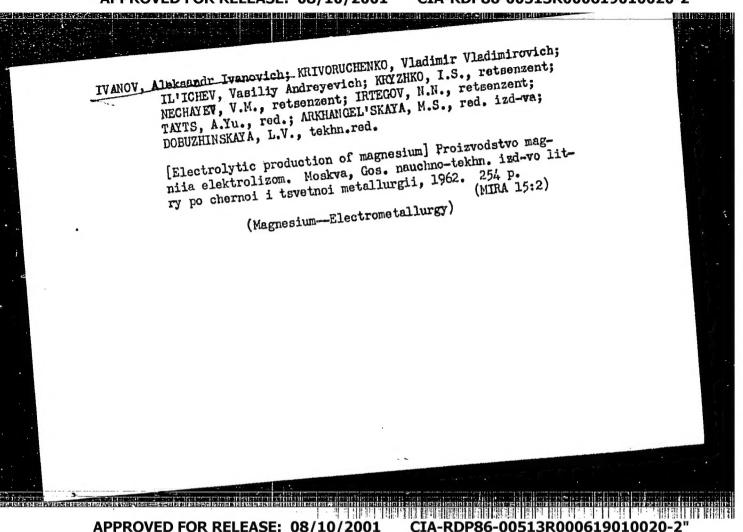
3) The disc-type apparatus is similar to (2) but had a rotating disc cathode of continuous or periodic motion. The disc shaft acts as current lead. The lower part of the disc was immersed in the melt between two flat anodes which consisted of containers filled with Ti wastes. Direct current was led into the anode through the Card 2/3

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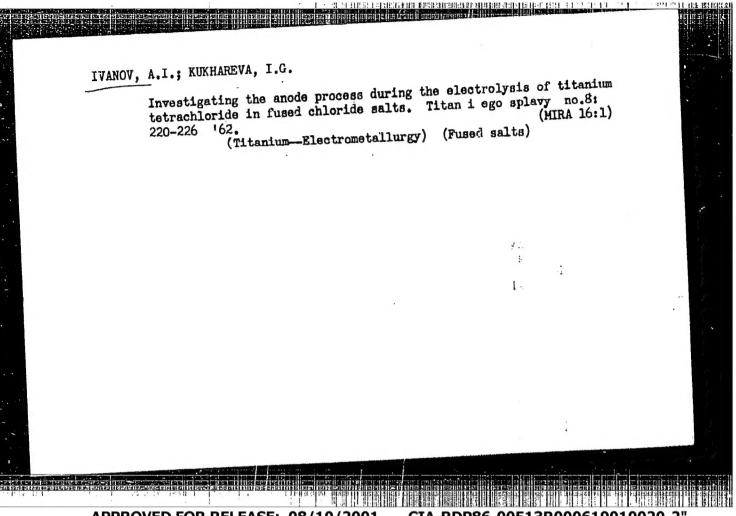
Electrolytic cell designs with ...

housing of the cell. The advantages of this type are stated to be: Possibility of continuous or periodic action, of operation with minimum electrode distances, general technical stability, ease of adjustment. 4) The drum-type cell was a continuous 200 - 1000 amp. apparatus with horizontal electrode arrangement. The metal to be refined was poured to form a layer on the cylindrical bases of the housing of the cell which functioned as anode. Above the anode, the drum was arranged on a shaft. The main drawback of cells with vertical electrode arrangement is the need to use an anode container with a perforator or screened side towards the cathode. Replacement of the screen necessitates periodic interruption of the process.

The authors consider types (2) and (3) to be of the greatest interest from the point of view of organizing Ti refining on a large scale. Types (1) and (2) have the disadvantage that the cell uses a large volume space for the cathode and the mechanisms for moving the cathode. In type (3) the gas volume of the apparatus is much lower. There are 5 figures and 4 references: 3 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: O. Leone, J. Nettle, D. Baker, Bur. Mines Rept. Invest., 5494, 1959. Card 3/3



APPROVED FOR RELEASE: 08/10/2001



APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619010020-2"

s/598/62/000/008/008/009 . D217/D307

AUTHORS:

Ivanov, A.I. and Pichukov, A.P.

TITLE:

Large-scale laboratory investigations of the refining of titanium sponge tailings

SOURCE:

Akademiya nauk SSSR. Institut metallurgii. Titan i yego splavy. no. 8, Noscow, 1962. Metallurgiya titana, 227 - 236

The basic conditions for refining, using a continuously replaceable powdered anode and a vertical arrangement of electrodes, were studied and the following conditions were found to give satisfactory results: electrolyte - NaCl + 2 to 4 % Ti in the form of the lower chlorides; temperature - 850 ± 200C; initial anode current density - 0.3 - 0.4 a/cm<sup>2</sup>; initial cathode current density - 0.6 - 1.5 a/cm<sup>2</sup>; rate of deposition -0.5 - 0.6 g/a-hour; consumption of anode material - 70 - 80%. A horizontal arrangement of electrodes resulted in a considerably lower output, owing to the fact that the area and volume of the Card 1/2

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s/598/62/000/008/008/009 D217/D307

Large-scale laboratory ...

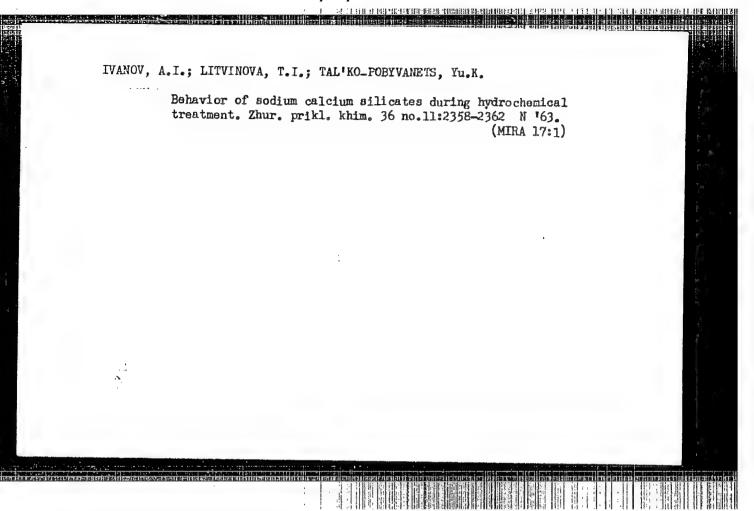
electrolyte could not be used to the fullest advantage, so that the current densities used were limited to the lowest permissible values. An attempt is made to explain the mechanism of the refining process in relation to the concentration of the lower Ti chlorides in the electrolyte, and the current density. The basic structural modifications of the cathode deposits are discussed and the conditions for their production specified. A high quality deposit was obtained from Ti sponge tailings, containing the following impurities - 0.01 - 0.1% 02; 0.03 - 0.06% Fe; 0.01 - 0.06% Si; 0.001 --0.01% N<sub>2</sub>; 0.03 - 0.05% C, and 0.05% Cl<sub>2</sub>. There are 6 figures and 3 tables.

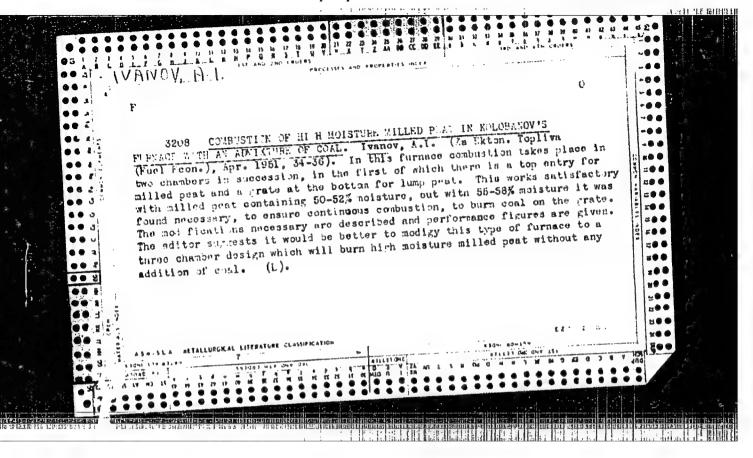
Card 2/2

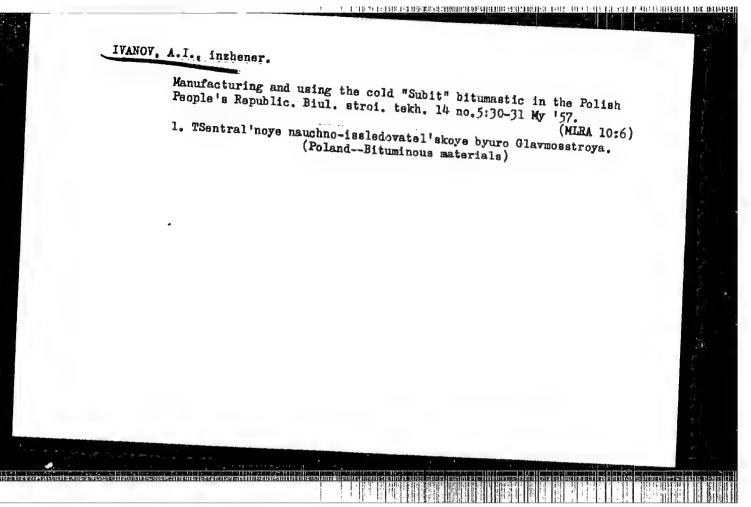
BARONIN. V.N.; EFTIN. Yu.P.; VERKHOVSKIY, B.I.; AVANGY, L.I.; PETIL'MAN, S.E.; PRACER, I.A.; KHARLAKOV, V.A.; SHELKOV, L.S.

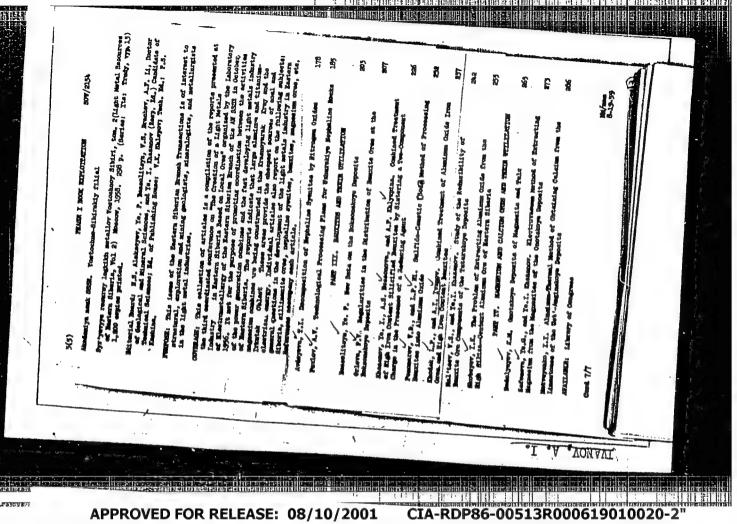
Crystalless X-ray spectrometer with stabilization of the position of the amplitude of the spectrum of a proportional counter. Zav. of the amplitude of the spectrum of a proportional counter. Zav. lab. 30 no.4:493-500 '64.

1. Konstruktorskoye byuro "TSvetmetavtomatika".

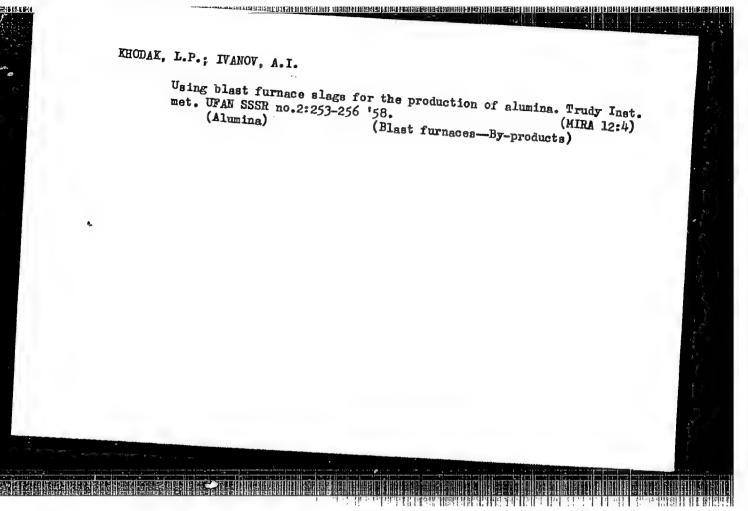


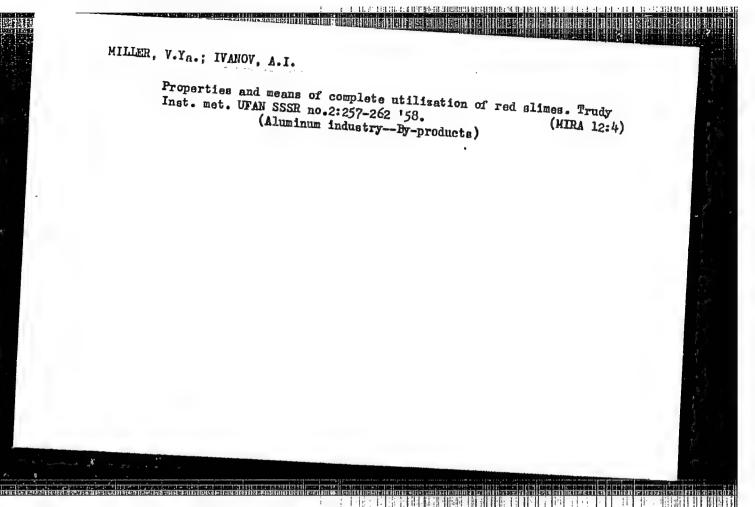


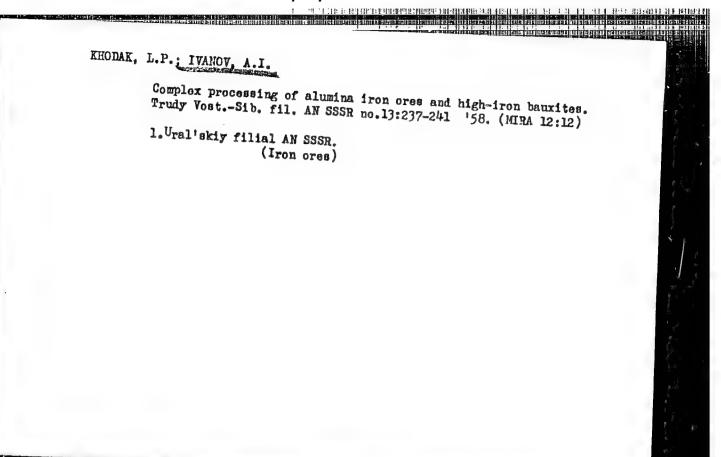




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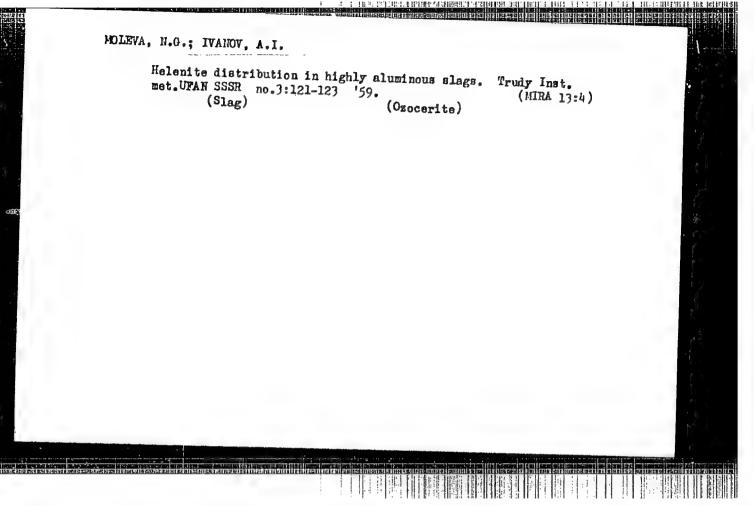


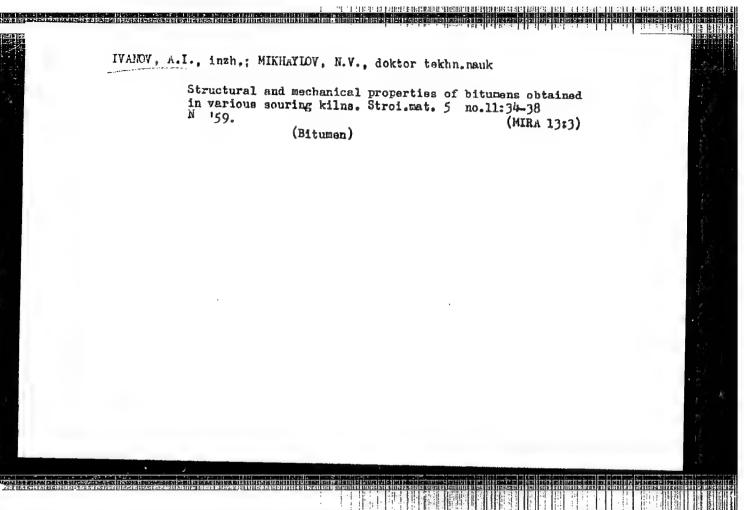




KHODAK, L.P.; KUZNETSOV, S.I.; IVANOV, A.I.; SEHABRENNIKOVA, O.V.; Obtaining alumina from blast furnace slags rich in the compound. Izv.Sib.otd.AN SSSR no.2:19-28 59.
(Alumina) (Slag) (MIRA 12:7) 

APPROVED FOR RELEASE: 08/10/2001





MOLEVA, N.G.; IVANOV, A.I.; KHODAK, L.P.

Effect of the calcium oxide content on the structure and properties of easily crumbling aluminum-calcium slags. Izv. Sib. otd. AN SSSR no.8: 58-61 '59.

1.Ural'skiy filial AN SSSR.

(Slag)

VOL'FOVSKIY, G.M.; KRUPATKINA, R.K.; IVANOV, A.I.

Regulation of FVR ovens equipped with separate regenerators in the course of heating with coke gas. Koks i khim. no.11:25-29 '60.

(MRA 13:11)

1. Koksokhimstantsiya.

(Coke ovens)

SOROKIN, V.A., doktor tekhn.nauk; KULIKOV, Ya.P., inzh.; BUL:AKOV, F.V., inzh.; JVANOV, A.I., inzh.

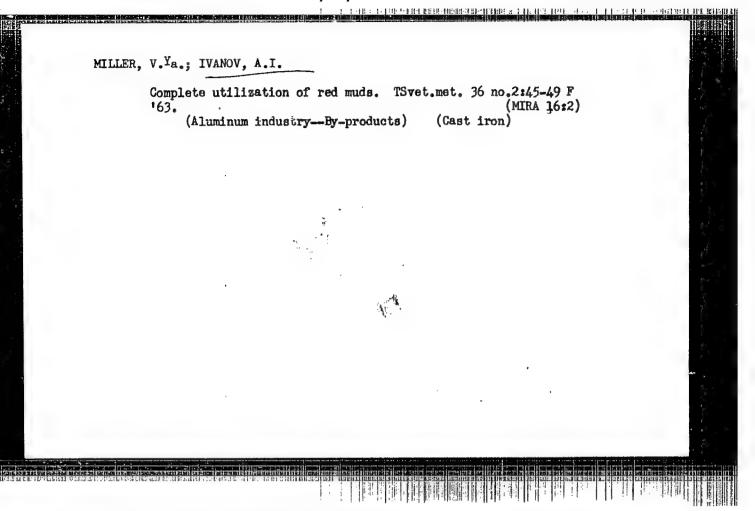
Sintering of iron ores under positive pressure. Net. i gornorud. prom. no.213-7 Mr-Ap '62, (MIRA 15:11) (Sintering)

(MIRA 15:10)

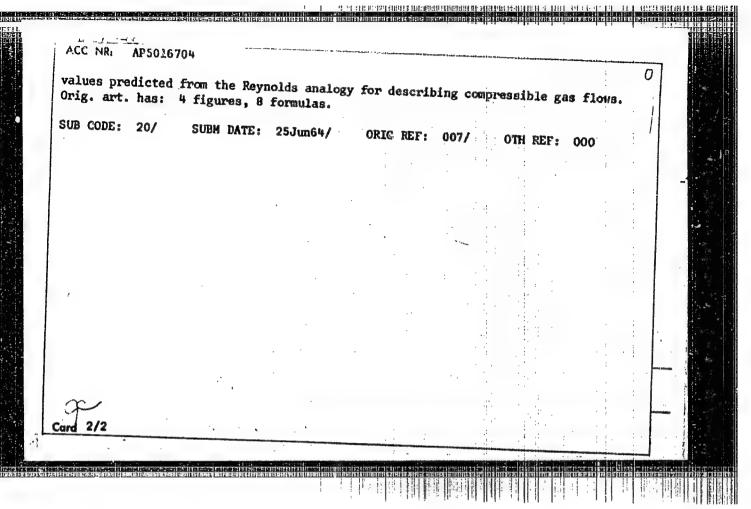
MUZHZHAVLEV, K. D.; LEBEDEV, O. A.; IVANOV, A. I.; DESYATNIKOV, O. G. Ways of avoiding manual labor for the removal of sludge from magnesium electrolytic cells. TSyet, met. 35 no.10:56-62 0 '62. (MIRA 15:10)

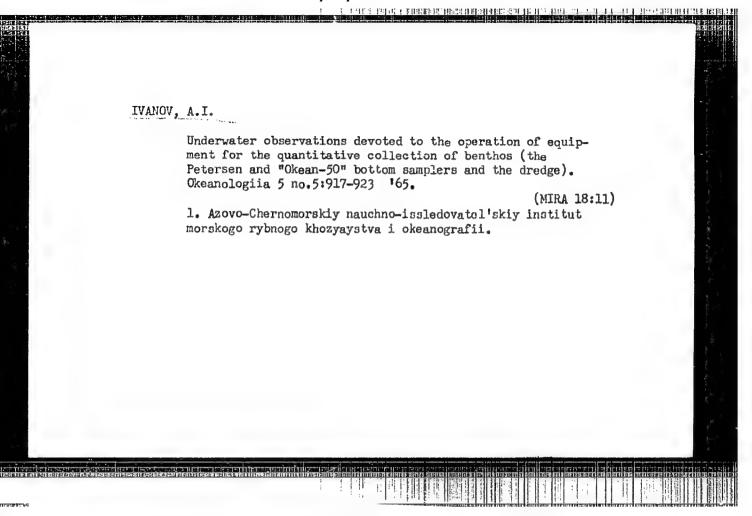
(Magnesium\_Electrometallurgy)

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AP5016704 SOURCE CODE: UR L 8989-66 ACC NRI UR/0294/65/003/003/0460/0483 44.55 V. I.; Ivanov, A. I.; Hukhin, AUTHOR: Sukomel, A. S.: Velichko. B ORG: Moscow Power Engineering Institute (Moskovskiy Energeticheskiy institut) TITLE: Investigation of friction resistance for compressible gas flow in the entrance section of a tube for large temperature gradients between the gas and wall SGURCE: Teplofizika vysokikh temperatur, v. 3, no. 3, 1965, 480-483 1,44,55 TOPIC TAGS: fluid friction, gas flow, compressible flow ABSTRACT: Two methods of friction resistance determination were studied in compressible gas flows in water-cooled tubes with a Laval nozzle for supersonic and Vitoshinskiy nozzle for subsonic regimes. The first method consisted of determining the resistance from Bernoulli's equation for which gas velocity and static pressure were determined at several points in the tube. The second method utilized the isentropic state in the core of the flow and boundary layer at the wall. Data analysis shows that stream parameters along the tube length satisfy one-dimensional flow theory. The compression effects were treated as corrections. Friction resistance data is given as a function of the Reynolds number and the results are compared with the work of other authors and with theoretical predictions. The data for air show a 10% deviation from UDC: 532.543.6:532.517 Card 1/2





Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 3, p 164 (USSR) SOV/124-57-3-3796

AUTHOR: Ivanov, A. I.

TITLE: Machines and Instruments for the Testing of Wood, Designed at the TsNIIMOD-AI (Central Scientific Research Institute of the Mechanical Working of Wood) [Mashiny i pribory dlya ispytaniy drevesiny

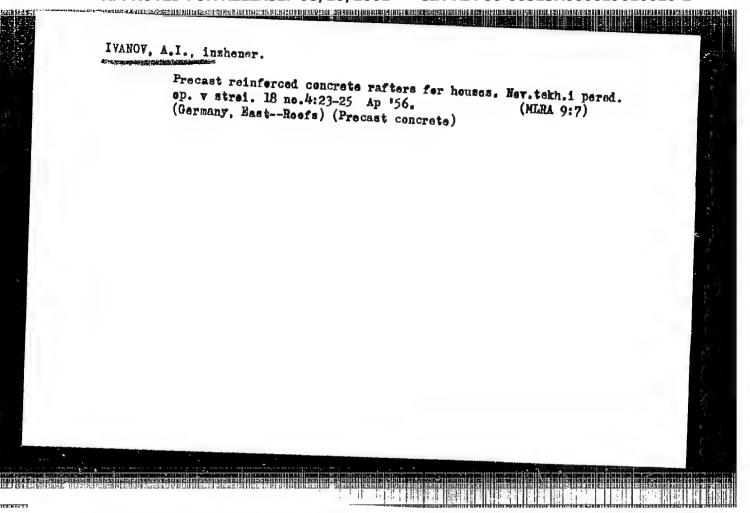
konstruktsii TsNIIMOD-AI]

PERIODICAL: V sb.: Fisiko-mekhan. svoystva drevesiny. Moscow-Leningrad, Goslesbumizdat, 1953, pp 67-74

ABSTRACT: The author gives a description of a universal machine for the testing of wood for compression, tension, static bending, glue-joint strength, cleavability, hardness, the proportional (elastic) limit, and the modulus of elasticity. He describes a press for the testing of wood for compression parallel to the grain, a pendulum-type impact tester for impact-bending testing, and instruments for the testing of wood for impact hardness and the determination of the percentual amount

of summerwood.

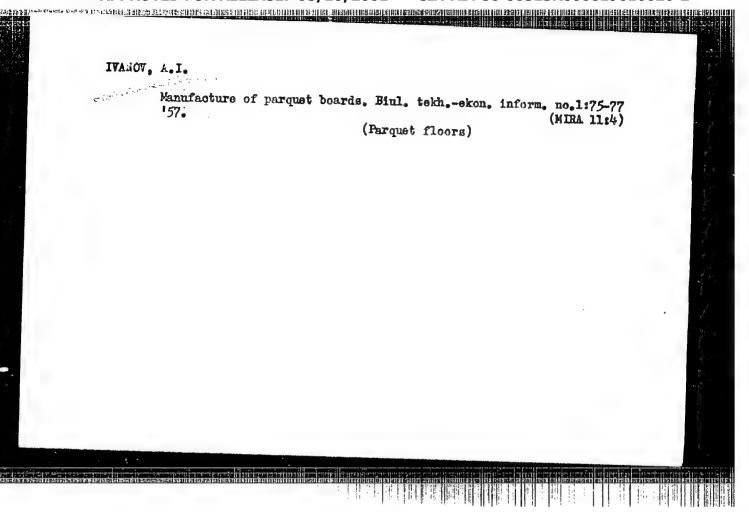
A. F. Rozhnyatovskiy Card 1/1

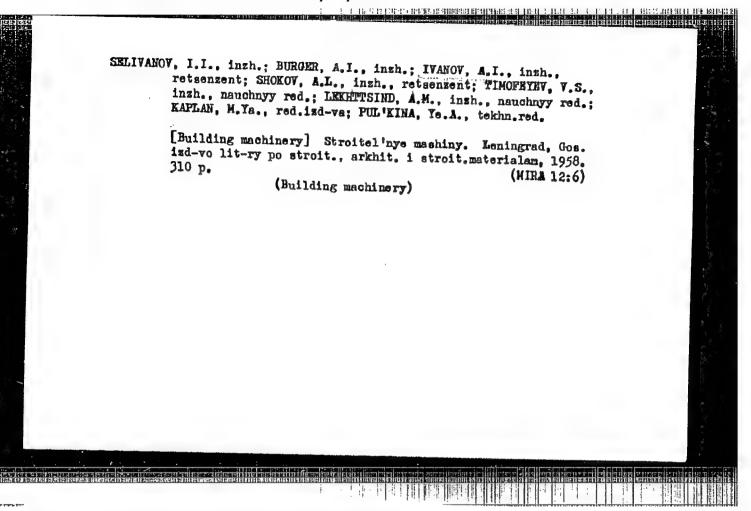


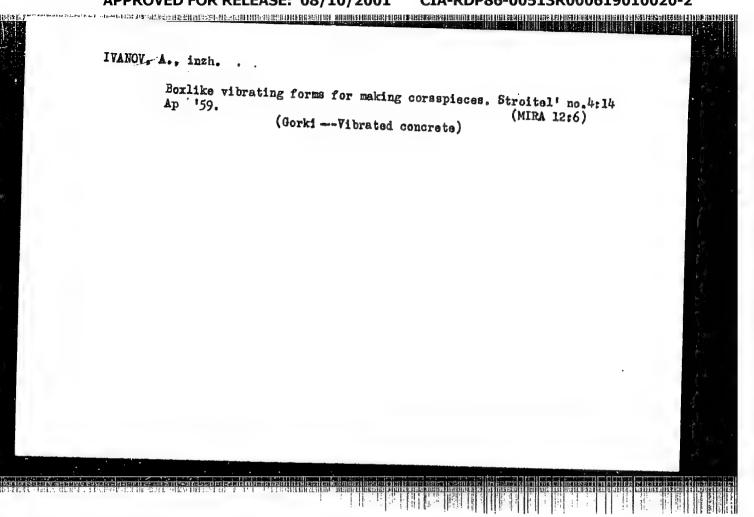
IVANOV, Aleksandr Ivanovich, inzhener; PALEVSEIY, S.A., inzhener, nauchnyy redaktor; ERYUGER, Fu.v., redaktor izdatel'stva; GUSEVA, S.S., tekhnicheskiy redaktor

[Laying parquet on cold asphalt mestic] Mastilka parketa na kholodnoi bitumnoi mastike. Moskva, Gos.izd-vo lit-ry po stroit.

i arkhit., 1957. 22 p. (MIRA 10:7)







SHEVCHENKO, V.A., inzh.; RYLLO, V.P., inzh.; IVANOV, A.I., inzh.

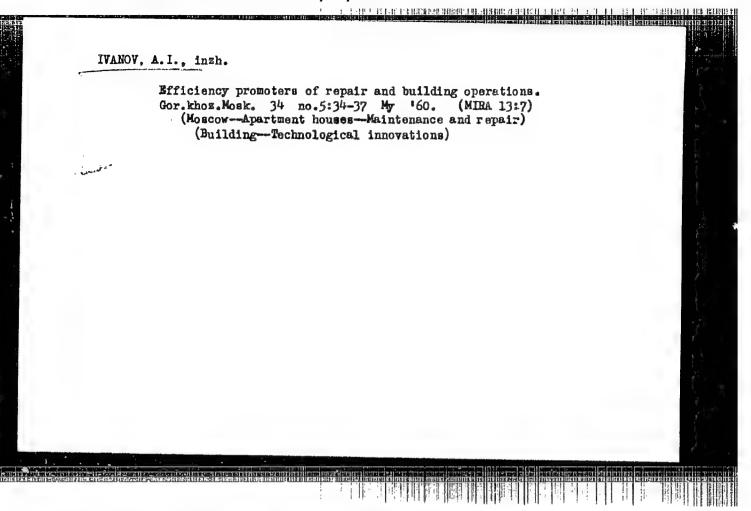
Reinforced concrete details to be used in making major repairs in apartment houses. Gor.khoz.Mosk. 34 no.2:19-21 F '60.

(MIRA 13:6)

1. Spetsial noye arkhitekturno-konstruktorskoye byuro Arkhitekturno-planirovochnogo upravleniya (for Shevchenko, Ryllo). 2. Upravleniye kapital nogo remonta shilykh domov Mosgorispolkoma (for Ivanov).

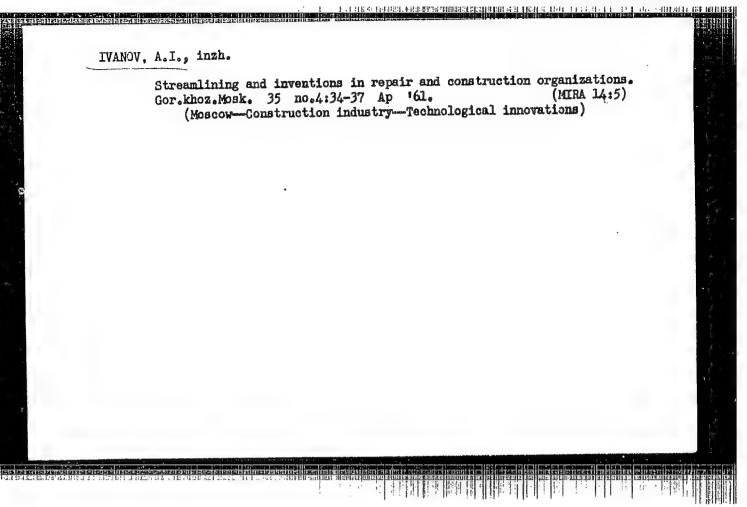
(Apartment houses—Maintenance and repairs)

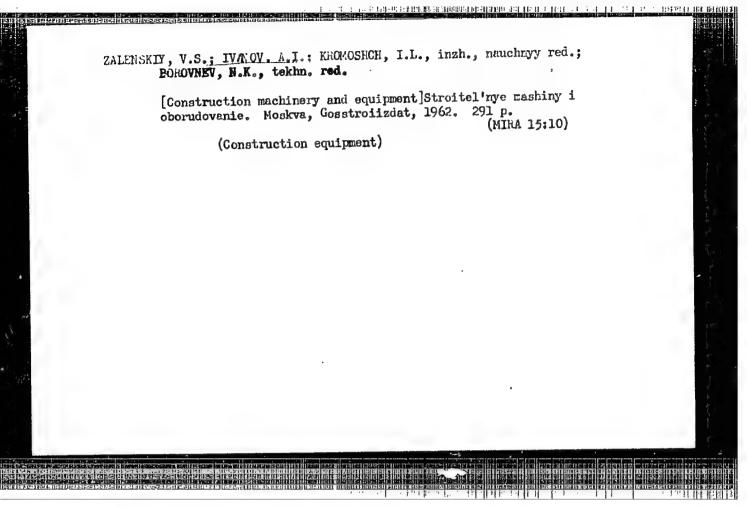
(Reinforced concrete)



IVANOV, A. I.

Cand Tech Sci - (diss) "Improvement in the properties of bitumens for glueing of parquette." Moscow, 1961. 23 pp with illustrations; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev); 180 copies; price not given; (KL, 7-61 sup, 237)





IVANOV, A.I.; LEYKIN, A.Ya.; KHUVES, E.S.; CHERNYY, M.S.;
KLEYMAN, L.M., red.

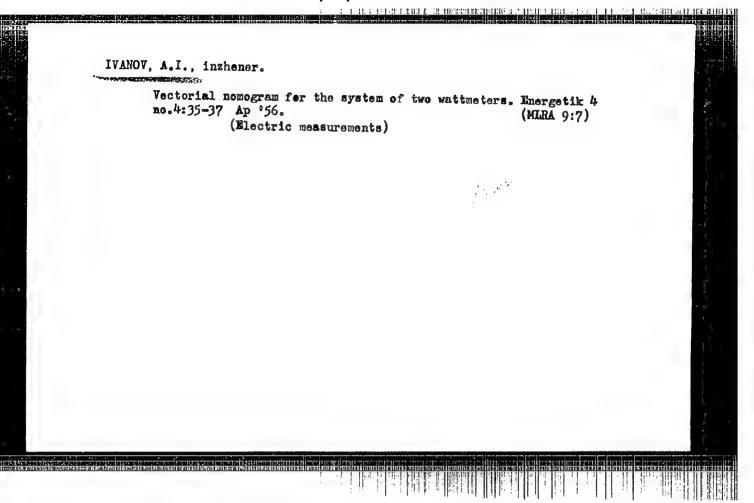
[Machines for overall mechanization of grain loading and unloading operations] Mashiny dlia kompleksnoi mekhanizatsii pogruzochno-razgruzochnykh rabot s zernom. Moskva, Kolos, 1964. 230 p.

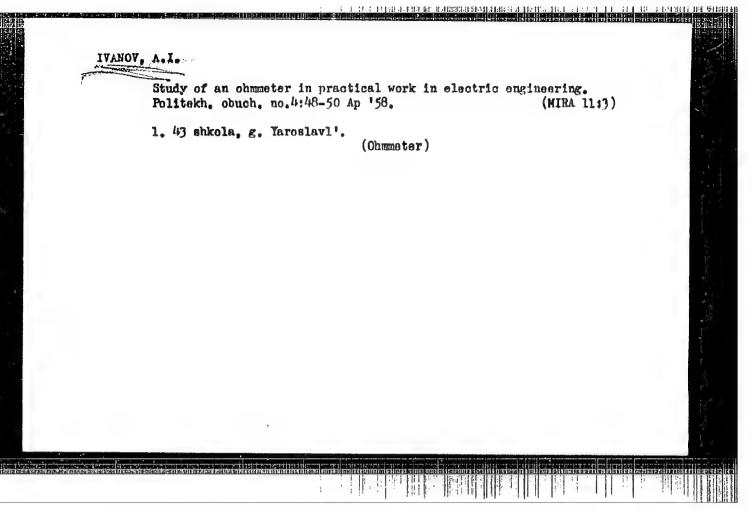
(MIRA 18:9)

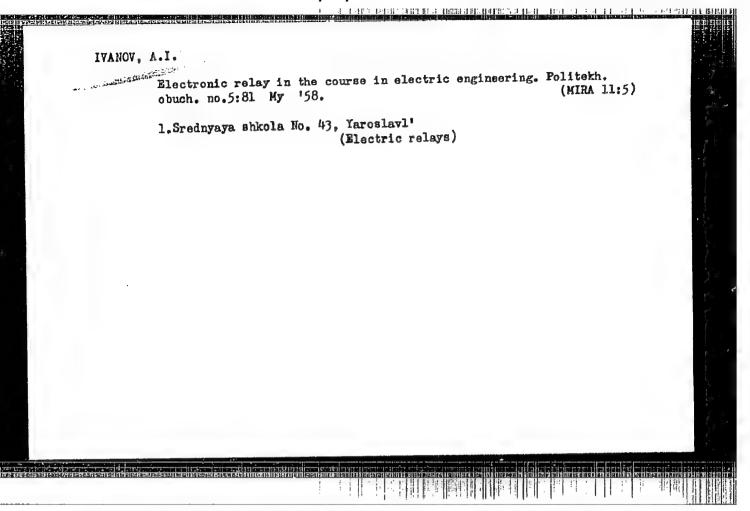
PETROV, S.M., inzhener; IVAROV, A.I., inzhener.

Universal vibrograph for measuring the speed of closing and opening circuit breakers. Ebergetik 4 no.3:20-22 kr 156. (MRA 9:6)

(Electric instruments)







APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619010020-2"

CINTES AND THE STREET OF CONTROL OF THE STREET OF THE STRE SOV-47-58-6-12/28 AUTHOR: Ivanov. Plain Circuits on Semiconductor Triodes (Prostyye skhamy TITLE: na poluprovodnikovykh triodakh) Fizika v shkole, 1958, Nr 6, pp 56 - 58 (USAR) PERTODICAL: The author considers it useful to call the students' attan-ABSTRACT: tion to the similarity of generator and amplifier circuits on semiconductor triodes, with those on electronic tubes. This similarity refers only to the circuit and not to the work principle of a semiconductor triode. Dealing with generators of sound frequency, the author points out that for study purposes these can be easily assembled on one semiconductor triode fed by a flashlight battery. The electrical circuit for it, and particulars of operation, are given in the article (Fig. 1). Students of many schools are assembling detector radio receivers. The hearing distance can be considerably increased by amplifying the signals with the help of semiconductor triodes (Fig. 2). The amplifier is fed by a flashlight battery. The article contains more particulars on the method of operation. Diagram 3 shows the Card 1/2

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Plain Circuits on Semiconductor Triodes

SOV-47-58-6-12/28

circuit of a very simple 3-stage low frequency amplifier on semi-conductor triodes. The amplifier works well with a onewatt electrodynamic loudspeaker connected to a detector receiver and a sound pickup. The article gives further details. There are 3 diagrams and one Soviet reference.

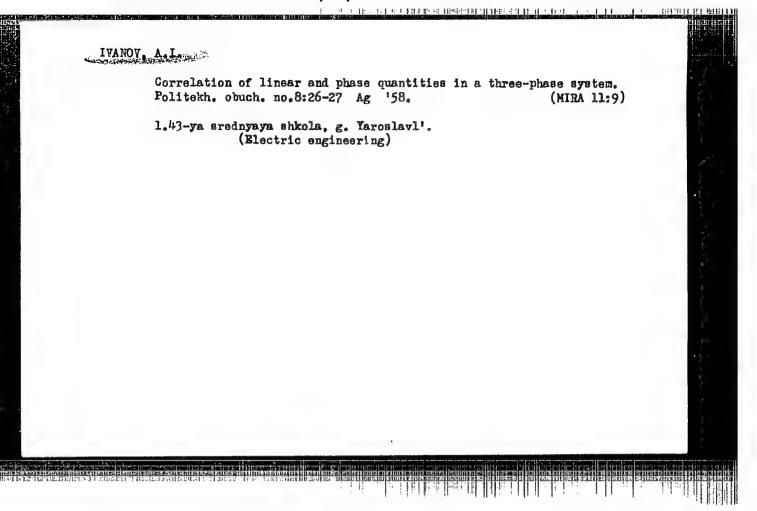
ASSOCIATION: Yaroslavskiy pedagogicheskiy institut (Yaroslavl' Pedagogical

Institute)

1. Semiconductors--Electrical properties

Card 2/2

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SOV-107-58-8-36/53 Ivanov, A. (Moscow) AUTHOR: Printed Circuit Assembly (Pechatnyy montazh) TITLE: Radio, 1958, Nr 8, p 37 (USSR) PERIODICAL: A method of preparing a printed circuit is described. ABSTRACT: Copper foil is glued on to a pertinax or textolite panel and a stencil of the wiring prepared. The wiring diagram is then transferred to the copper foil via the stencil with acid-resistant paint. The panel is placed in nitric acid until the unpainted copper foil has been eaten away, leaving the wiring pattern affixed to the panel. Components can then be soldered directly onto the copper. 1. Printed circuits--Preparation 2. Printed circuits--Materials 3. Wiring diagrams--Applications Card 1/1

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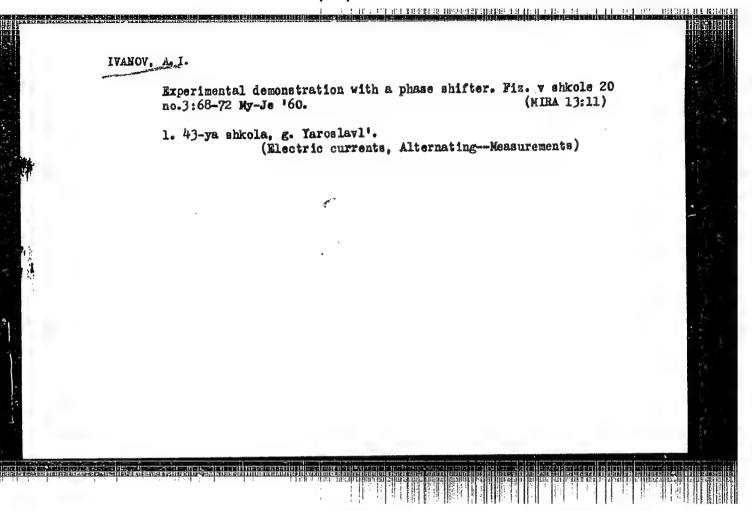
IVANOV, A.I.

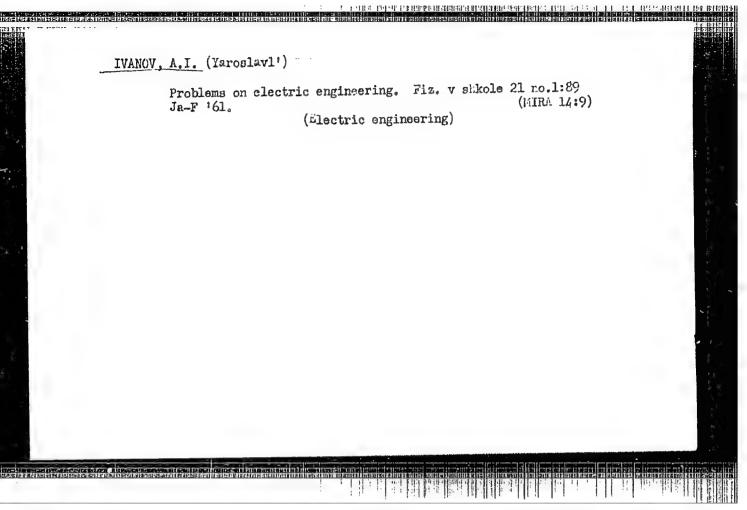
Simple transister circuits. Fiz. v shkele 18 ne.6:56-58 N-D '58.

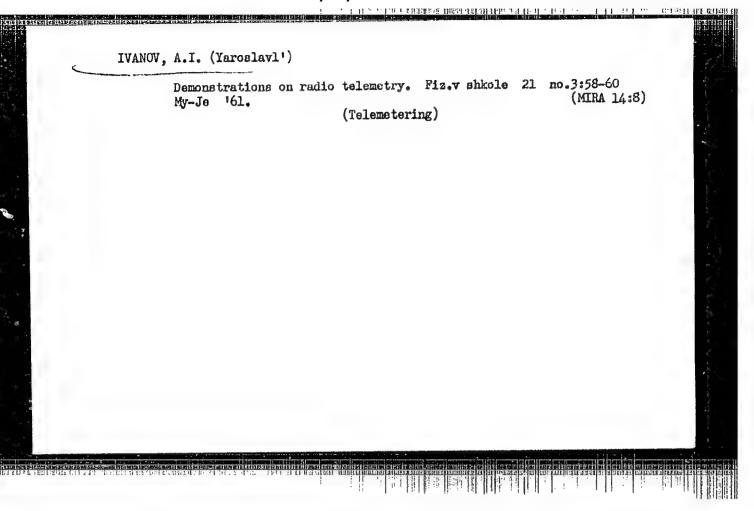
(MIRA 11:12)

1.Yaroslayskiy pedagegicheskiy institut.

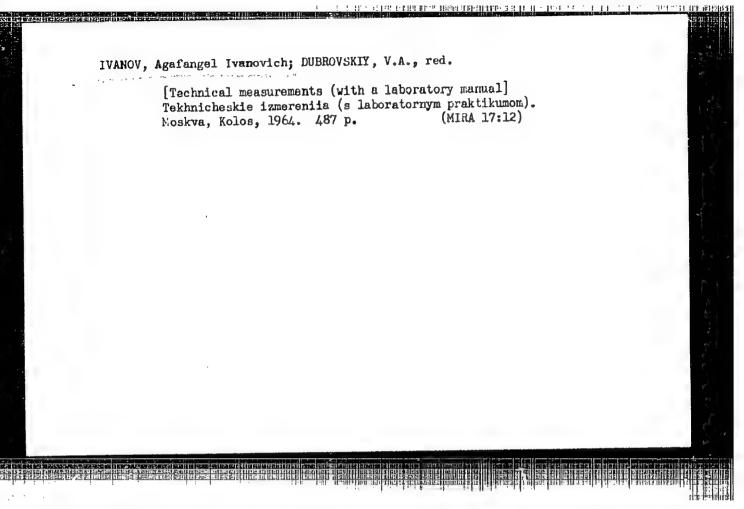
(Transisters)

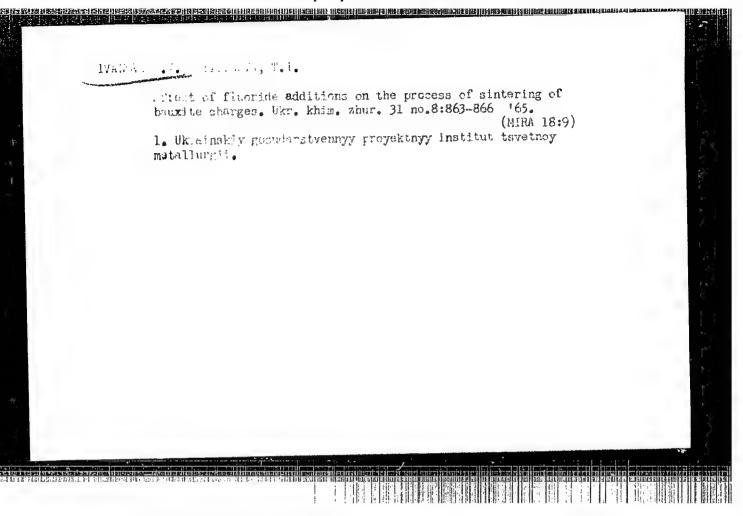




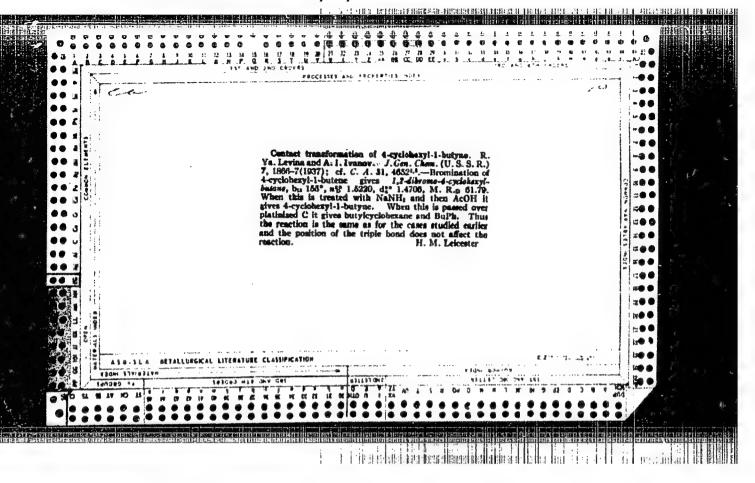


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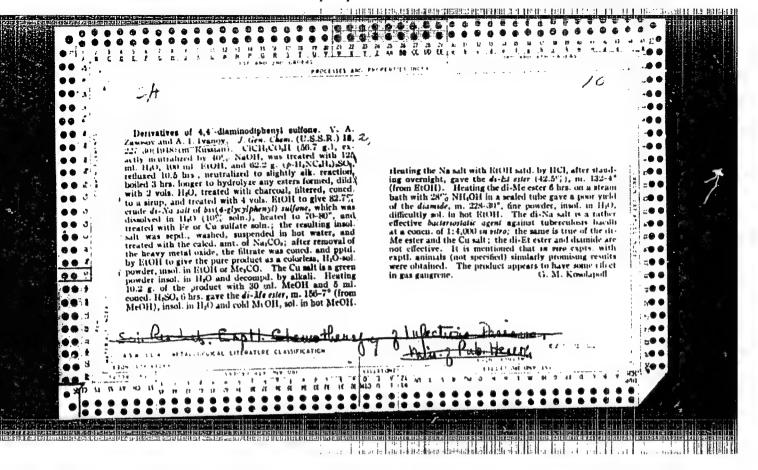




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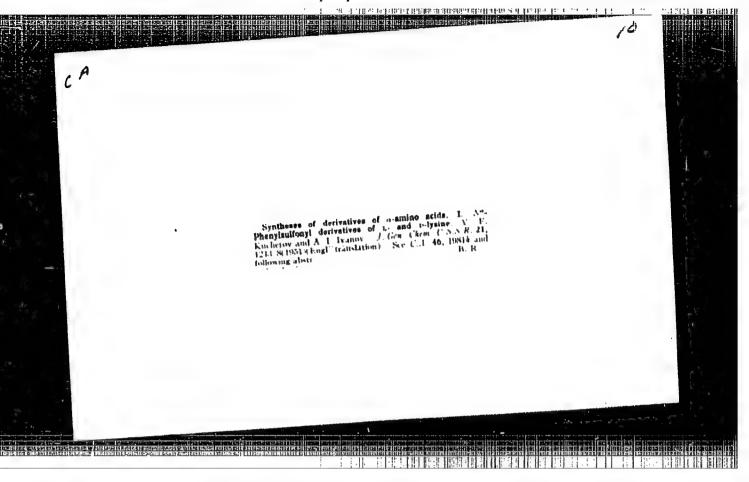


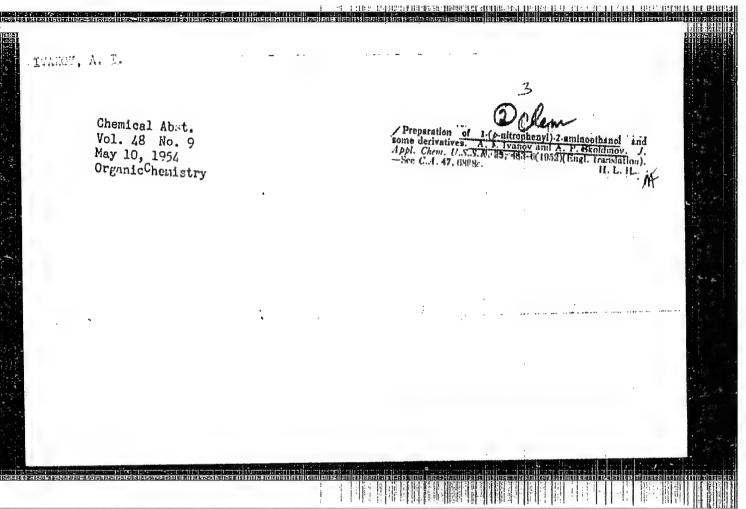
IVANOV. A. I.

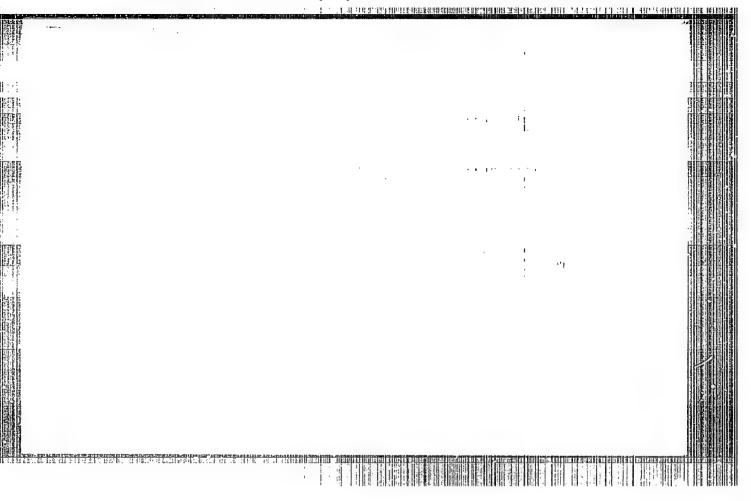
"Synthesis of a-anino acid derivatives. I. N<sup>a</sup>-bennene sulphocumutituted 1- and d-lywine." by V. F. Kucherov and A. I. Ivanov. (p.1139)

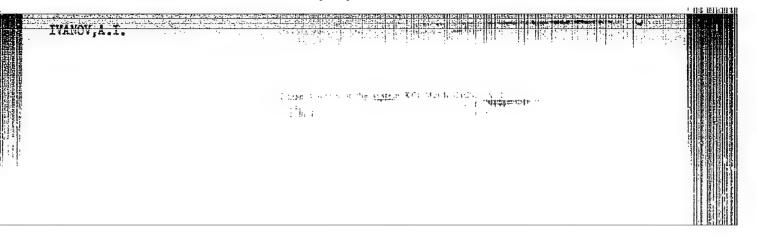
So: Journal of General Chemistry (Zhurnal Obshchoi Khimii) 1951, Volume 21, No. 6

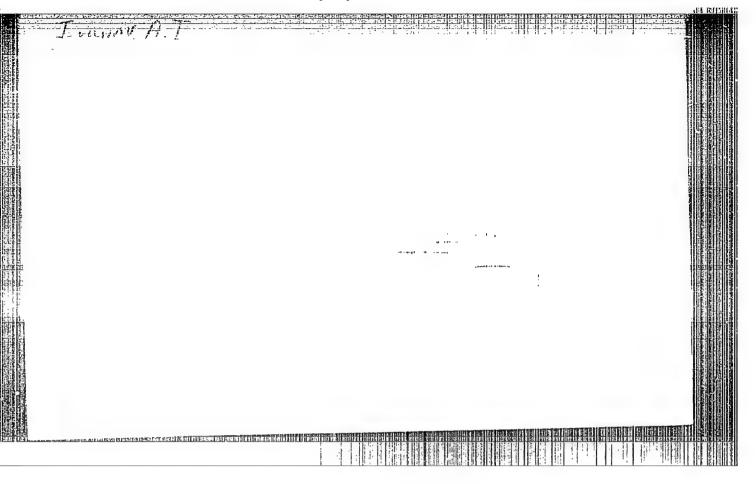
APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619010020-2"



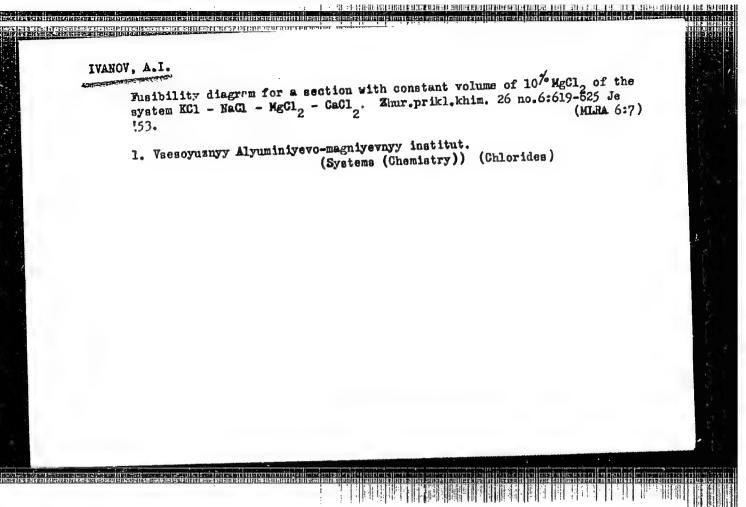


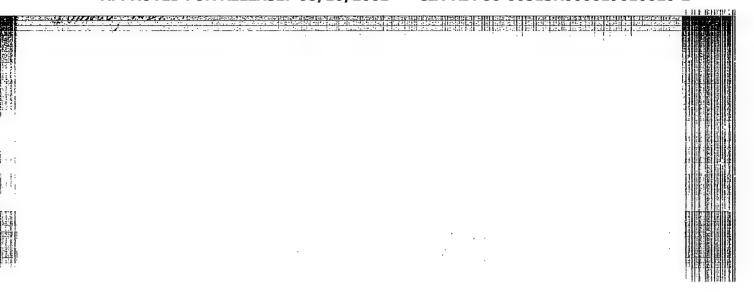


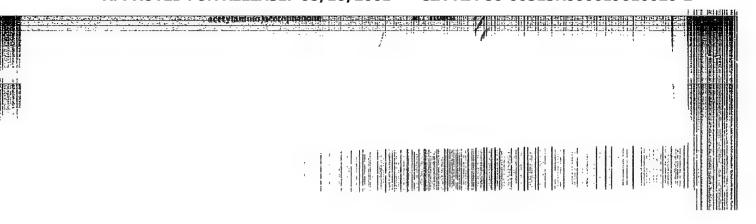


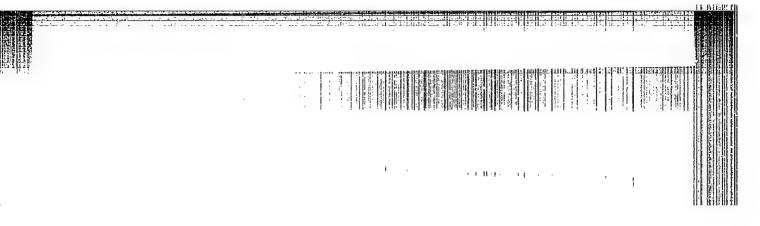


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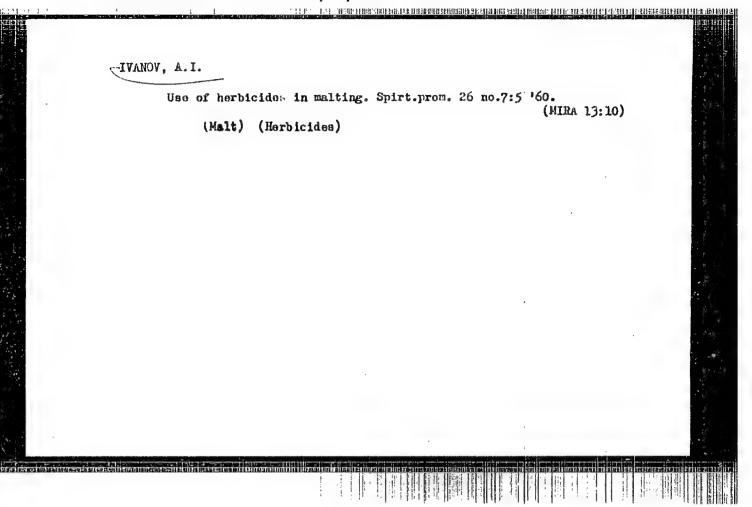




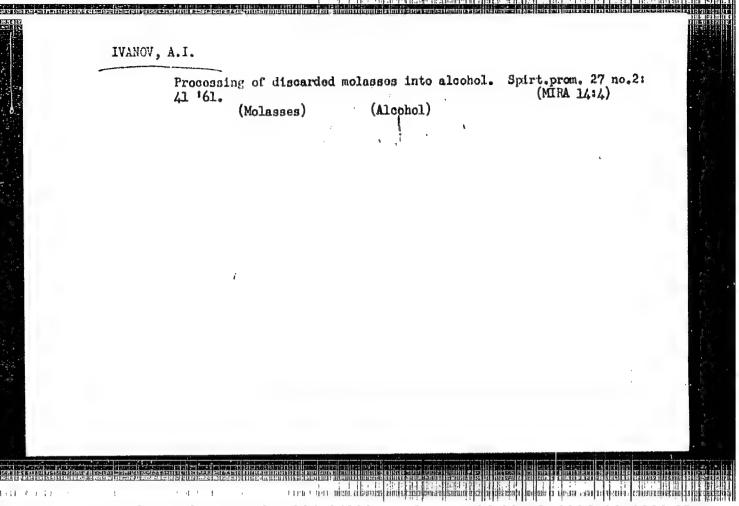


रहाक हुनाव कृष्ण कारण मुस्ति। भूषा हम हा प्राप्त है। MIKHALEV, V.A.; DOROKHOVA, M.I.; SMOLINA, N.Ye.; ZHELOKHOVTSEVA, A.M.; IVANOV, A.I.; AHENDARUK, A.P.; GAICHENKO, M.I.; SKORODUKOV, V.A.; SMOHIF, D.D. Styrene as row material for the production of synthomycin and levomycetin. Part 1: Synthesis of p-nitro-d-acylaminoacetophenones. Antibiotiki, 4 no.2:21-24 Mr-Ap 159. 1. Vsesoyuznyy nauchno-issledovatel skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze (for Mikhalev, Dorokhova, Smolina, Zhelokhovtseva). 2. Institut farmakologii i khimioterapii AMN SSSR (for Skoldinov, Ivanov, Arendaruk, Galchenko, Skorodumov, Smolin). (CHIORAMPHENICOL, prep. of. synthesis from styrene through p-nitro-X-acylaminoacetophenones (Rus)) styrene, use in chloramohenical synthesis through p-nitro-A-acylaminoacetophenones (Rus)) (KETOHES p-nitro-d-acylaminoacetophenones, intermediate in chloramphenical synthesis from styrene (Rus))

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619010020-2"



#### 



S/078/62/007/009/004/007 B144/B101

AUTHORS:

Zhivukhin, S. M., Tolstoguzov, V. B., Ivanov, A. I.

TITLE:

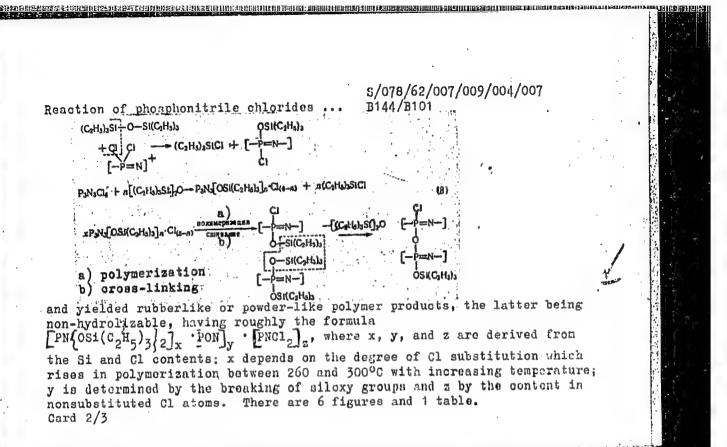
Reaction of phosphonitrile chlorides with silanols,

silanolates, and hexaalkyl disiloxane

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 7, no. 9, 1962,2192-2199

TEXT: Tests with tricthyl and triphenyl silanoles and Na silanolates were unsuccessful but proved that PNCl<sub>2</sub> attacks the Si-O-Si bond. Hence hexaethyl disiloxane which contains one Si-O-Si bond was made to react at 230°C with PNCl<sub>2</sub> trimer (molar ratio 6:1). Substitution was obtained.

Card 1/3



IVANOV, A.I.; VINOKUROV, V.G.; PROTOPOPOVA, T.V.; SKOLDINOV, A.P.

Synthesis of stereoisemeric Chlorovinyl carbonyl compounds. Zhur.
ob.khim. 34 no.1:354-355 Ja '64. (MIRA 17:3)

1. Institut farmakologii i khimioterapii AMN. SSR.

GATAULLIN Shavkat Lutfullovich; IVANOV, A.I., retsenzent; YEGOROVA, Z.F., retsenzent; CHEBOTAREVA, A.V., red.; KLIMONTOVICH, V.L., red.

[Study of semiconductors in physics course in secondary schools; manual for teachers] Izuchenie poluprovodnikov v kurse fiziki srednei shkoly; posobie dlia uchitelia. Moskva, Prosveshchenie, 1964. 73 p. (MIRA 18:1)

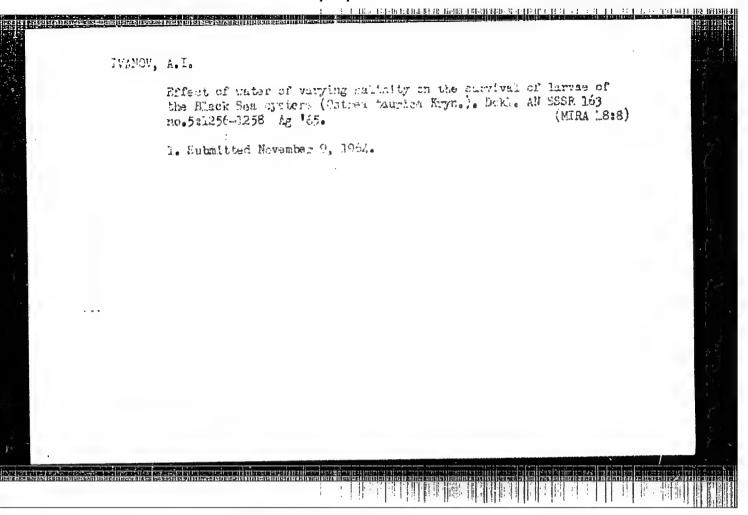
|                                    |   |   |  |                    |                     | :<br>  Tal. :      |                   |              |
|------------------------------------|---|---|--|--------------------|---------------------|--------------------|-------------------|--------------|
|                                    | 5-66 EVT(n)/EP  |   | EWA(c) I   | RPL WW/            | JW/WE/R             | M                  | - : !             |              |
| ACCES                              | SION NR: AP5022   | 937   |  | 42 UR/<br>39 543   | 0062/65             | /000/008           | /1491/149         | 14           |
| į                                  | v   | 14,35   | 111.55   | 21 B 343           | .422704             | 1,232              |                   | 114          |
| AUTHO                              | R: Ivanov, A. I   | .; Chlenov, I.  | Ye.; Tart  | akovskiy           | , V. A.             | ; Slovet           | okiy, V.          | I.           |
| HOATK                              | ov. S. S.   |   |  |                    |                     | :                  |                   | 3            |
| TITLE                              | : Molecular abs   | orption spectr  | a of 0-eth   | yl ester           | s of di             | nitroxat           | hana and          | tici-        |
| nitro                              | rethane   |   |  |                    |                     |                    | W                 |              |
| SOURCE                             | : AN SSSR. Izve   | estiya. Seriya  | khimiches  | kaya, no           | . 8, 19             | 55, 1491           | -1494             |              |
| TOPIC                              | TAGS: IR spects   | rum, UV spectr  | um   |                    |                     |                    |                   |              |
| troder<br>their<br>meter<br>spects | ACT: The IR and rivatives of methaci-forms and an and the UV spectrophotometer. The wing absorption | hane were taken<br>nions. The IR<br>tra were taken<br>he IR spectra | n in order<br>spectra w<br>in a meth<br>of the tit | to examinere taken | ine the<br>n with t | monachr<br>he UR-1 | maticity  spectro | of<br>photo- |
| 1-3                                | bond, N= C- NO  |   |  | 7                  |                     |                    |                   |              |
|                                    | bond, it - C - it o   | 2, H - C(NO <sub>2</sub> / <sub>2</sub>                             | and  | C⇒N                |                     |                    | 1 1 1 1           |              |
|                                    |   |   | •  | 0-1                | R                   |                    |                   |              |
|                                    | •   |   |  |                    |                     |                    |                   | 4            |
|                                    | /2  | -   |  | N                  | 1   11              |                    |                   |              |

| L 1665-66   |  |   |   |                                     |                           |                               |                                   |               |
|---|--|---|---|-------------------------------------|---------------------------|-------------------------------|-----------------------------------|---------------|
| ACCESSION NR: AP502293  | 37   | •   | • •   |                                     |                           |                               |                                   | 3             |
| The UV spectra indicate   | that in variou   | s tauto   | eric for  | ms there                            | is a                      | consta                        | nt str                            | uc-           |
| tural fragment  | x-/  | -Ç-NO, 🏄  |   | 4                                   |                           | •                             |                                   |               |
|   | RYO  | N <sub>O</sub>  |   |                                     |                           |                               |                                   |               |
| with a maximum absorpti   | ion in the regio   | n of 310  | )-320 mµ  | (charact                            | terist                    | c for                         | aci-fo                            | rm)           |
| and a molar extinction  | coefficient of   | about 80  | 000. The  | locatio                             |                           |                               |                                   |               |
|   |  |   |   | We man it was                       | 1915. 2                   |                               | . :                               | 9 . 3 1 %     |
| absorption intensity ar   | re practically i   | independe   | ent from  |                                     |                           |                               |                                   |               |
| absorption intensity are<br>that the aci-forms and<br>(According to the liter   | re practically i<br>anions of gem-d<br>rature data maxi                                      | independe<br>ii-and tr<br>imum abso                                       | ent from<br>cinitroco<br>orption o                | ebiuoquids<br>of anion              | are no                    | ot mone                       | chrona<br>gem-d                   | tic.          |
| absorption intensity are<br>that the aci-forms and<br>(According to the liter<br>trinitroderivatives of   | re practically i<br>anions of gem-d<br>rature data maxi                                      | independe<br>ii-and tr<br>imum abso                                       | ent from<br>cinitroco<br>orption o                | ebiuoquids<br>of anion              | are no                    | ot mone                       | chrona<br>gem-d                   | tic.          |
| absorption intensity are that the aci-forms and (According to the liter trinitroderivatives of tables, 3 formulas.  | re practically i<br>anions of gem-d<br>rature data maxi<br>methane occurs                    | independe<br>ii-and tr<br>imum abso<br>in 345-3                           | ent from<br>vinitroco<br>orption of<br>380 m reg  | empounds of anion gion). (          | are no<br>derive<br>Orig. | ot mone<br>ed from<br>ert. ha | chrona<br>gem-d<br>g: 2           | tic.<br>i-and |
| absorption intensity are that the aci-forms and (According to the liter trinitroderivatives of tables, 3 formulas.  ASSOCIATION: Institut   | re practically i<br>anions of gem-d<br>rature data maxi<br>methane occurs<br>organicheskoy k | independe<br>ii-and tr<br>imum abso<br>in 345-3<br>chimii im              | ent from<br>cinitroccorption of<br>180 m reg      | empounds of anion gion). ( Zelinske | are no<br>derive<br>Orig. | ot mone<br>ed from<br>ert. ha | chrona<br>gem-d<br>g: 2           | tic.<br>i-and |
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| absorption intensity ar<br>that the aci-forms and<br>(According to the liter<br>trinitroderivatives of<br>tables, 3 formulas.<br>ASSOCIATION: Institut<br>(Institute of Organic O | re practically i<br>anions of gem-d<br>rature data maxi<br>methane occurs<br>organicheskoy k | independe<br>ii-and tr<br>imum abso<br>in 345-3<br>chimii im<br>by of Sci | ent from<br>vinitrocco<br>protion of<br>180 m reg | empounds of anion gion). ( Zelinske | are no<br>derive<br>Orig. | ot mone<br>ed from<br>ert. ha | chrona<br>gem-d<br>s: 2<br>nauk S | tic.<br>i-and |
| absorption intensity are that the aci-forms and (According to the liter trinitroderivatives of tables, 3 formulas.  ASSOCIATION: Institut (Institute of Organic O                 | re practically i<br>anions of gem-d<br>rature data maxi<br>methane occurs<br>organicheskoy k | independe<br>ii-and tr<br>imum abso<br>in 345-3<br>chimii im<br>by of Sci | ent from<br>vinitrocco<br>protion of<br>180 m reg | empounds of anion gion). ( Zelinske | are no<br>derive<br>Orig. | ot mone<br>ed from<br>ert. ha | chrona<br>gem-d<br>s: 2<br>nauk S | tic.<br>i-and |

VDOVENKO, V.M.; IVAHOV, I.I.; BOBROVA, V.N.; GAVRILENKO, I.S.; IVANOV, A.I.; SOLOV'YEV, A.L.; RUMYANTSEVA, L.N.

Possibility of applying 3-(3,4-dihydroxyphenyl)alanine (DOPHA) as a mediator introducing radioisotopes into melanoma. Dokl. AN SSSR 164 no.1:95-98 S '65. (MIRA 18:9)

1. Radiyevyy institut im. V.G. Khlopina i Voyenno-meditsinskaya akademiya im. S.M. Kirova. 2. Chlen-korrespondent AN SSSR. (for Vdovenko).



ACC NR: AP7002720

SOURCE CODE: UR/0237/66/000/012/0009/0012

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AUTHOR: Voytovich, G. D.; Davydov, M. S.; Ivanov, A. I.; Tikhomirov, G. P.

ORG: none

TITLE: Study of the optical properties, structure, and phase composition of lead sulfide and selenide films

SOURCE: Optiko-mekhanicheskaya promyshlennost<sup>1</sup>, no. 12, 1966, 9-12

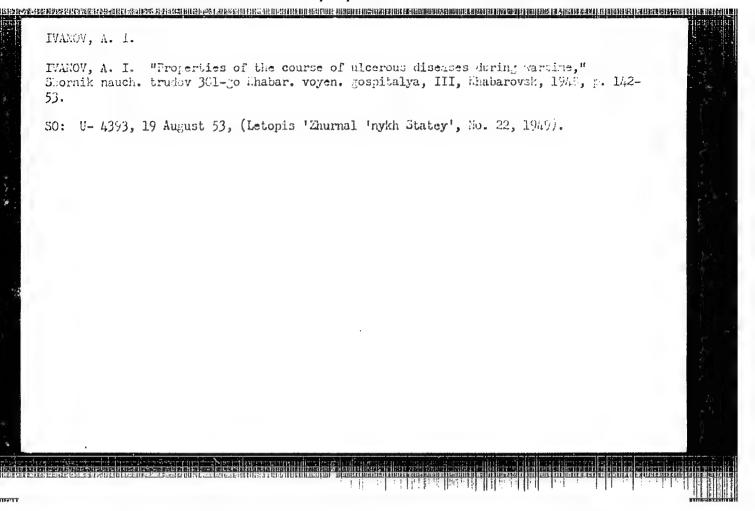
TOPIC TAGS: optics, spectral absorption, lead sulfide, lead selenide, thin film, thin film optics, thin film structure, thin film phase composition, lead sulfide film, film impurity, cyanide, basic carbonate, zinc oxide, electron microscopy, electron diffraction

ABSTRACT: A study was made of the spectral absorption of thin films of lead sulfide and lead selenide obtained by precipitation from solution. The structure and phase composition of the films were investigated using electron microscopy and electron diffraction. The anomalies observed in the optical absorption curve and spectral response curve were found to characterize films containing impurity phases: cyanide, basic carbonate, and zinc oxide. It was also noted that the

Card 1/2

UDC: 539, 216, 22:546, 815'221'23:535

| coprecipitation of impurities substantially affects the crystallization of lead sulfide and lead selenide. Orig. art. has: 4 figs. and 1 table. [Translation of abstract] |                   |            |              |           |  |  |  |  |  |
|---|-------------------|------------|--------------|-----------|--|--|--|--|--|
| SUB CODE:   | 20/SUBM DATE: 031 | Feb66/ORIG | REF: 003/OTH | REF: 005/ |  |  |  |  |  |
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IVANOV A.1.

USSR/Human and Animal Morphology (Normal and Fathological) Norvous System.

TO EXPENSE OF PERSONAL PROPERTY OF THE PROPERT

Abs Jour : Rof Zhur - Biol., No 7, 1958, No 51196

Author : Ivenov A.I.

Inst : Not Givon

Title : Innervation of Antorior, Posterior and General Facial Voins.

Orig Pub : V. sb.: Probl. mcrfol. nervn. sistemy, L., Modgiz, 1956, 122-125

Abstract: The upper part of the posterior facial vein (FV) is innervated by the zygonatic and genel branches of the facial nerve, the lower part by the marginal branch of the nerve of the lower jew and by the genel branches of the facial nerve, as well as by the branches which unite these nerves. The posterior FV is innervated by the great curicular nerve and by the zygonatic and genel branches of the facial nerve. The general FV is innervated by the great curicular nerve and by the cervical branch of the facial nerve. In addition, a web was

Cord : 1/2

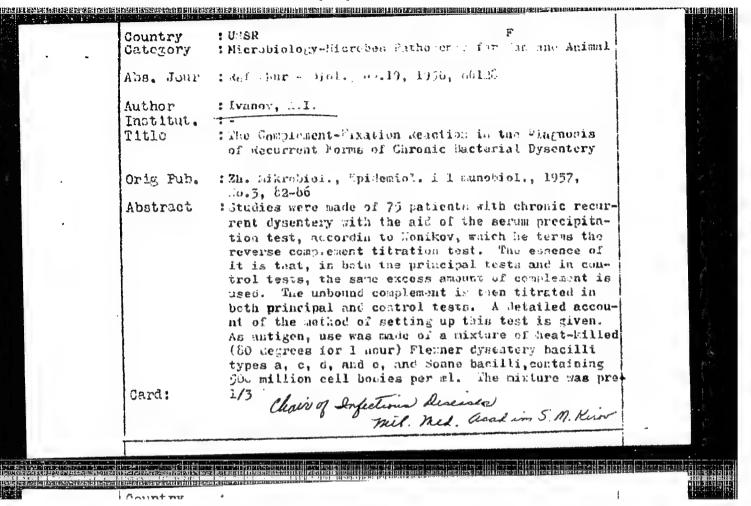
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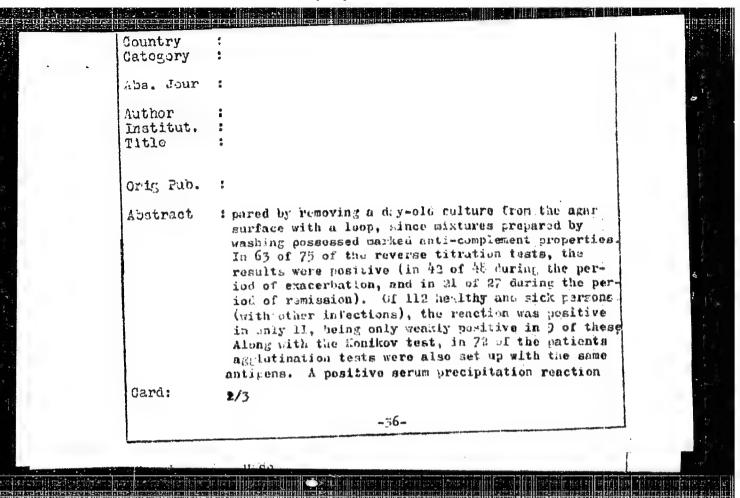
IVANOV. A.I., mayor meditainskoyaluzhby, kandidat meditainskikh nauk

Gop:logical examinations in chronic bacillary dysentery. Voen.-med.

zhur. no.10:70-71 0 '56.

(DYSENTERY) (FEGES--AMALYSIS)





SOV/177-58-5-14/30 17(

Ivanov, A.I., Major of the Medical Corps, Candidate AUTHOR:

of Medical Sciences

The Haverhill Fever (Gaverkhill'skaya likhoradka). Survey of Literature (Obzor literatury) TITLE:

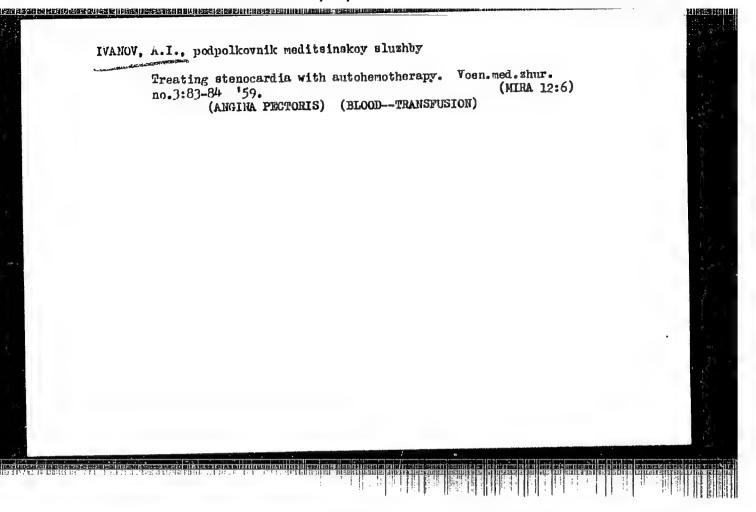
Voyenno-meditsinskiy zhurnal, 1958, Nr 5, pp 62 - 65 PERIODICAL:

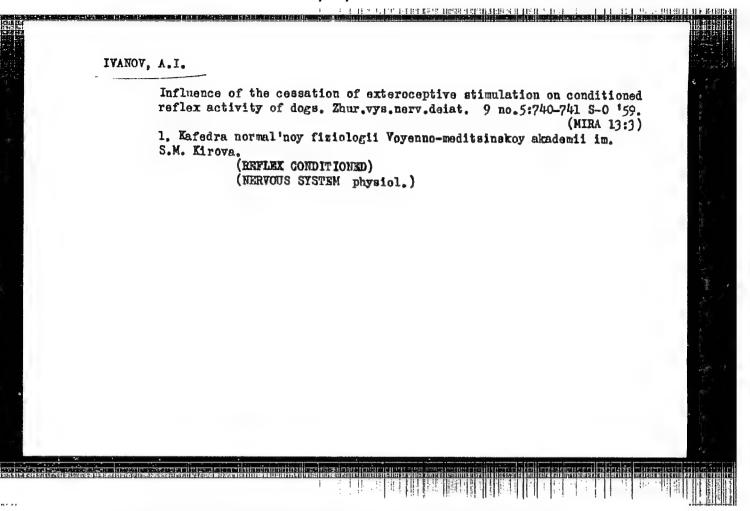
(USSR)

The author reports on the fever epidemic at Haverhill (Massachussets) in 1926. The article is based on ABSTRACT:

data of American and German physicians.

Card 1/1





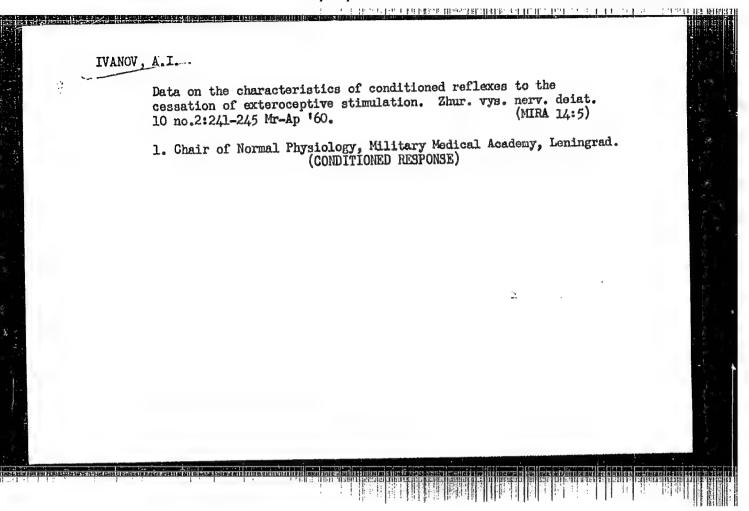
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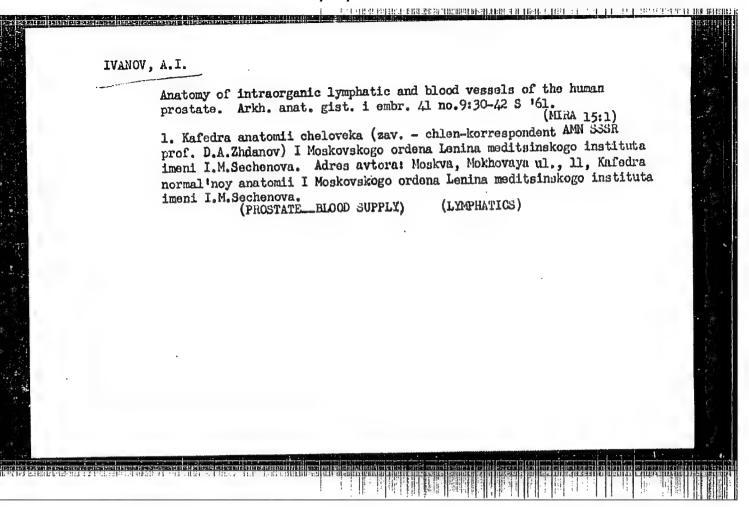
IVANOV, A.I.

Innervation of the external jugular, occipital, and posterior auricular veins. Arkh.anat., gist. i embr. 36 no.6:16-19 Je 159. (MIRA 12:9)

1. Kafedra normal'noy anatomii I Moskovskogo Ordena Lenina meditsinskogo instituta im. I.M.Sechenova (zav. - chlenkorrespondent AMN SSSR prof.D.A.Zhdanov). Adres avtora: Moskva, Mokhovaya ul., d.ll, I Moskovskiy Ordena Lenina meditsinskiy institut im. I.M.Sechenova, Kafedra normal'noy anatomii.

(VEINS, JUGUIAR, innervation
(Rus))
(HMAD, blood supply,
occipital & posterior auric, veins, innervation (Rus))





TVANOV, A.I., kand.med.nauk (Leningrad)

Change in the protein composition of the blood serum in acute dysentery. Klin.med. no.3:80-84 '62. (MIRA 15:3)

1. Iz kafedry infektsionnykh bolezney Voyenno-meditsinskoy akademii imeni S.M. Kirova (nachal'nik - prof. P.A. Alisov). (BLOOD PROTEINS) (DYSENTERY)

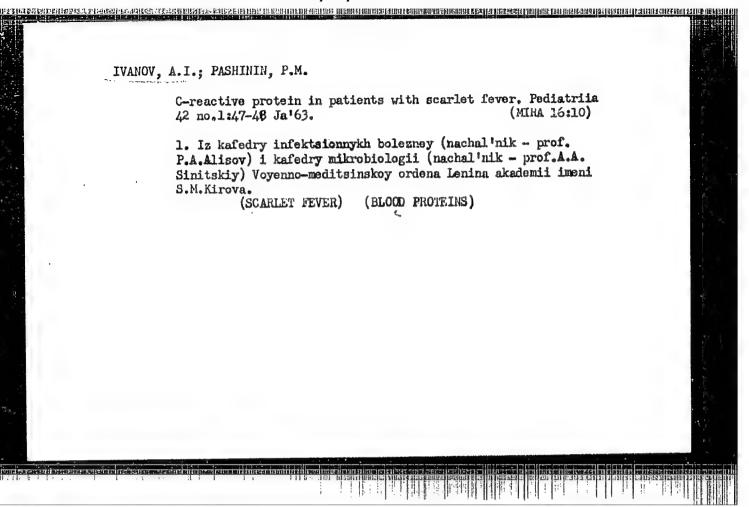
IVANOV, A. I., kand. med. nauk (Leningrad)

Clinical characteristics of an unusual variant of infectious erythema. Klin. med. 40 no.7:47-53 J1 '62.

(MIRA 15:7)

1. Iz kafedry infektsionnykh bolezney (nachal'nik - prof. P. A. Alisov) Voyenno-meditsinskoy ordena Lenina akademii imeni S. M. Kirova.

(ERYTHEMA)



TVANOV, A.I., kand. med. nauk; PASHININ, P.M.

The C-reactive protein test in acute dysentery. Kaz.med. zhur.
4:49-50 Jl-Ag'63 (MIRA 17:2)

1. Kafedra infektsionnykh bolezney (nachal'nik - prof. P.A.
Alisov) i kafedra mikrobiologii (nachal'nik - prof. A.A.
Sinitskiy) Voyenno-meditsinskoy ordena Lenina akademii imeni
S.M.Kirova.

jagajaja sepaka kiri jermen viljinogomini dise in KOMAROV, F.I.; IVANOV, A.I.; LEBEDEV, N.F. Effect of the quality of suppers on the gastric secretion in healthy people and in patients with chronic gastritis. Vop. pit. 22 no.6:16-21 N-D '63. (MIRA 17:7) 1. Iz kafedry terapii usovershenstvovaniya vrachey No.2 (nachal'nik prof. G.A. Smagin) Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova, Leningrad. 

